FIG.1

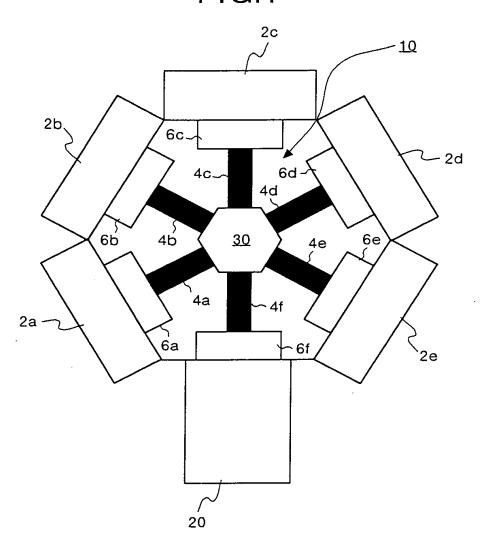


FIG.2

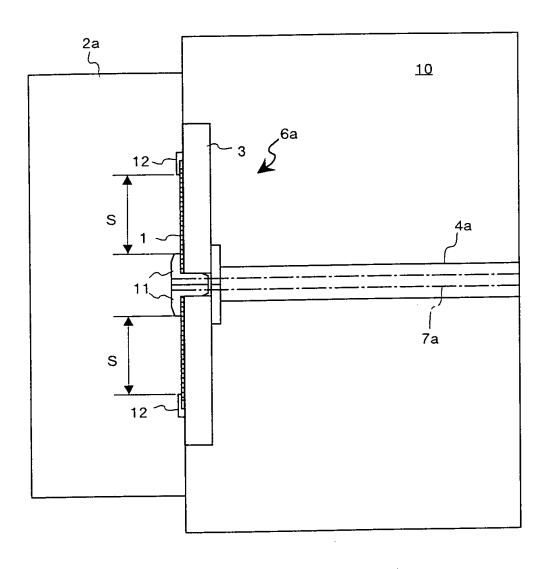


FIG.3

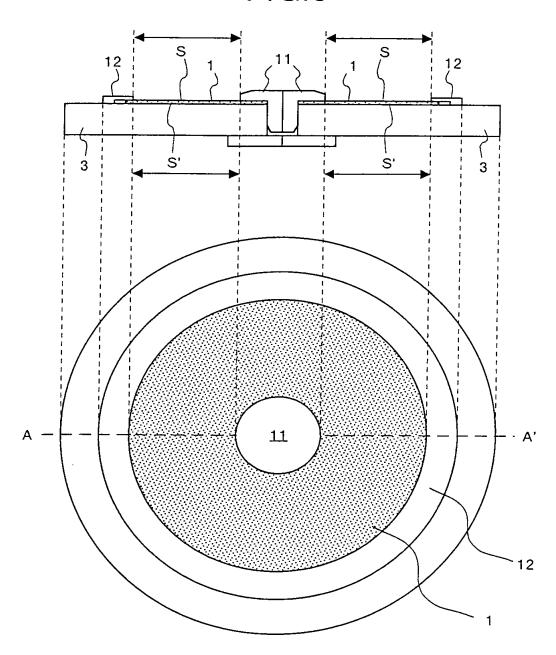
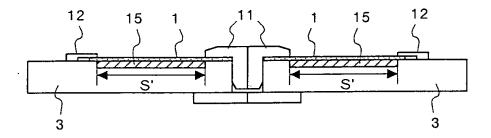
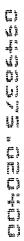


FIG.4



the Harth allow Hills and Harth in the same were than the the same than



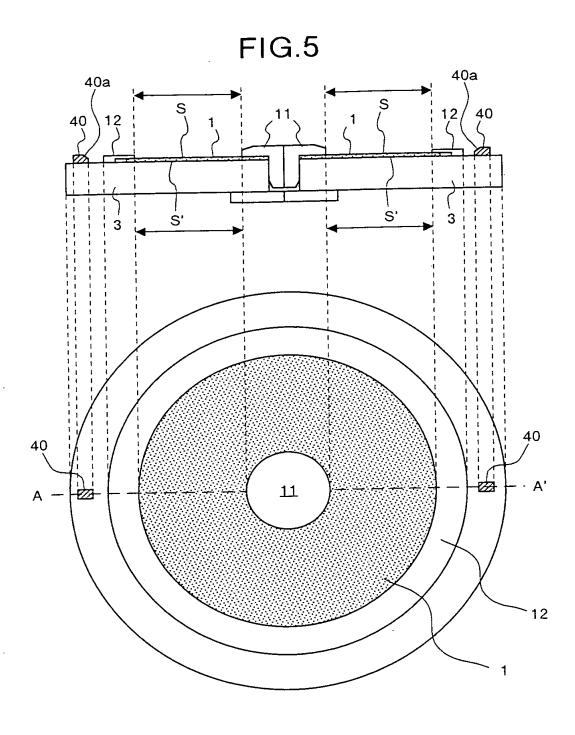
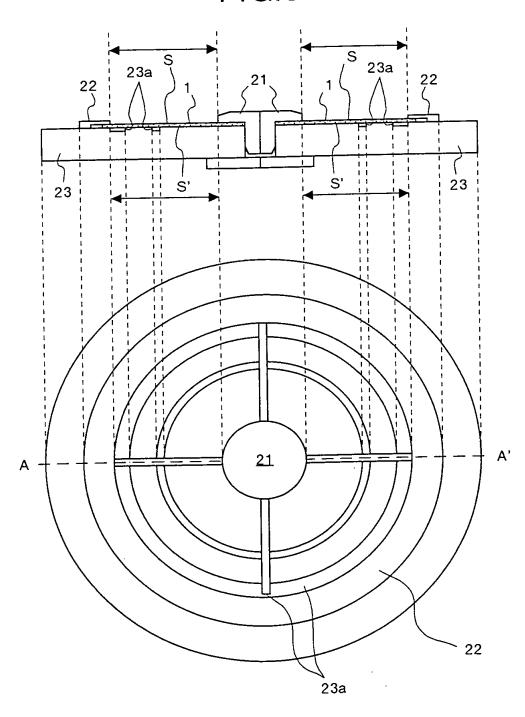
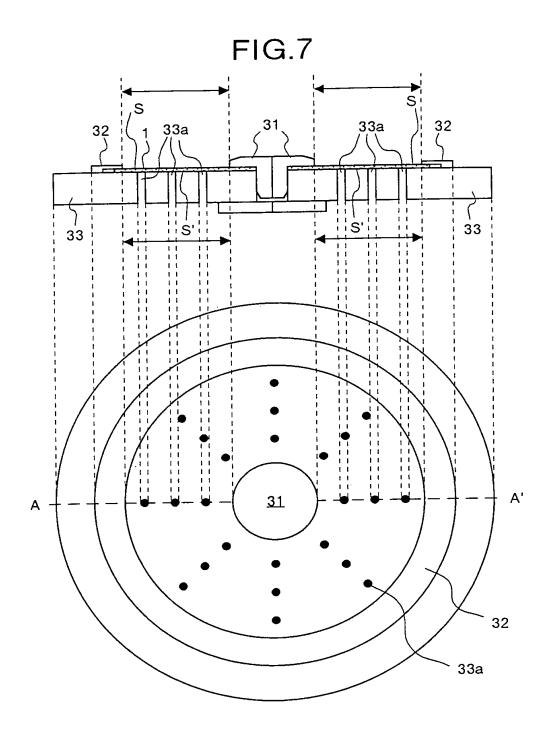


FIG.6

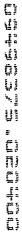


THE PART OF THE THE PART OF TH





	<u> </u>	 -		I	η	
	1.2mm	-100	06-	-85	-85	06-
UBSTRATE	0.7mm	-540	-290	-280	-280	-290
THICKNESS OF SUBSTRATE	0.6mm	-550	-300	-290	-290	-300
THIC	0.3mm	MEASUREMENT IMPOSSIBLE	-350	-340	-340	-350
		CONVENTIONAL MEASUREMENT TECHNOLOGY IMPOSSIBLE	EMBODIMENT()	EMBODIMENT@	EMBODIMENT®	EMBODIMENT®
		TNUOMA ĐNIGAW MUMIXAN [m ¼] ƏTART2BU2 90			MIXAM O	



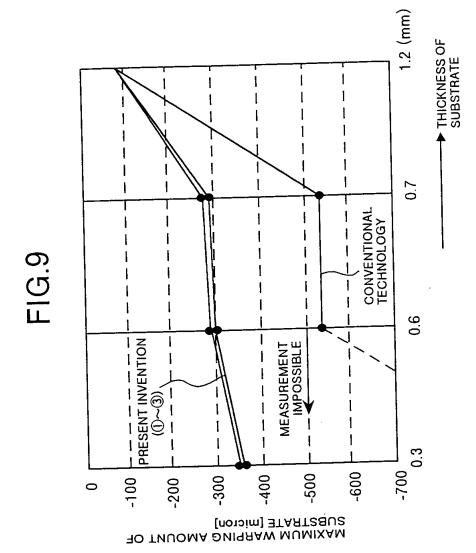


FIG.10

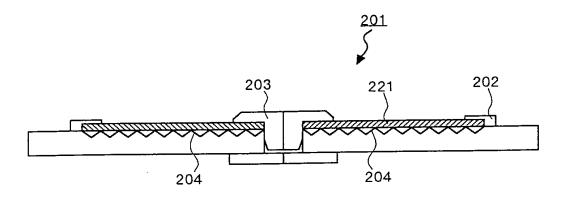
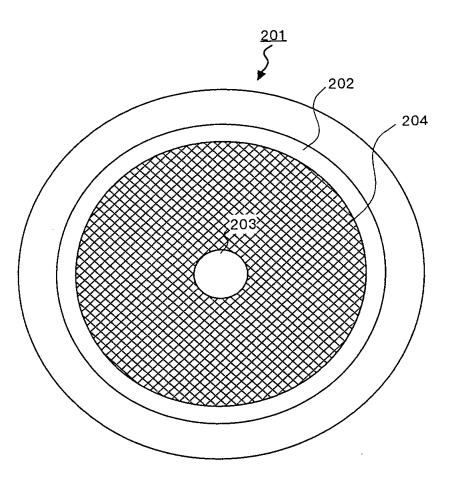


FIG.11



النا الناق الن الناق ال

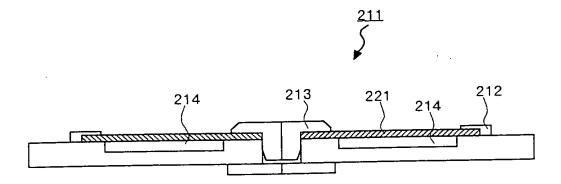


FIG.13

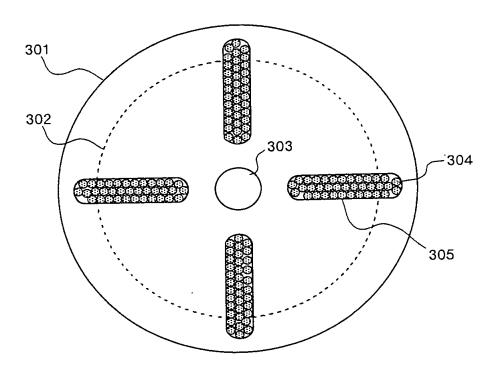


FIG.14

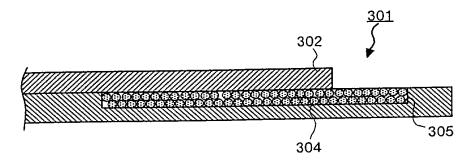


FIG.15

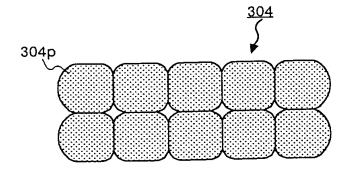


FIG.16

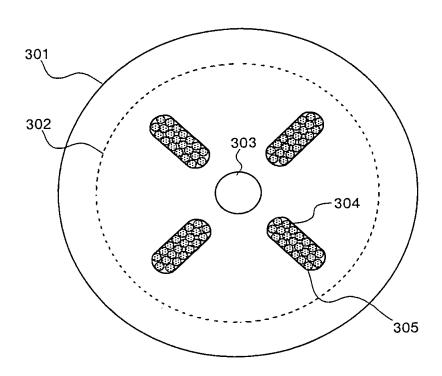


FIG.17

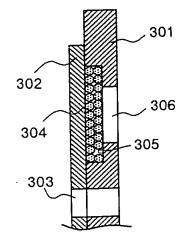


FIG.18

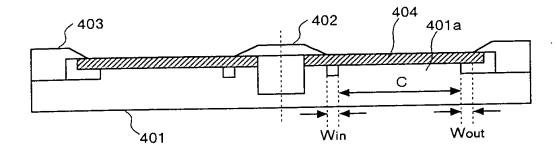


FIG.19

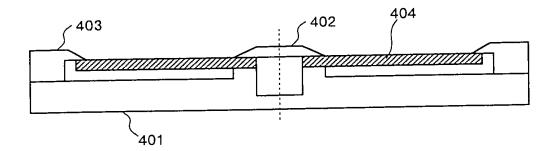


FIG.20

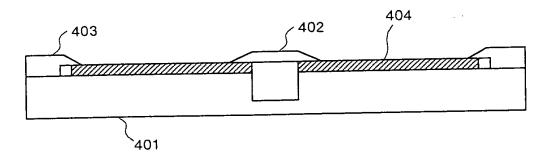


FIG.21

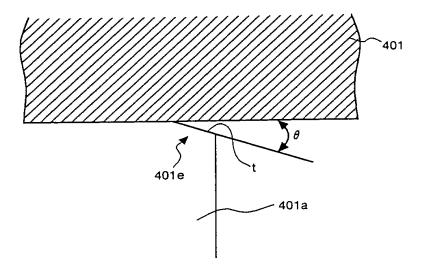
SUBSTRATE OR FILM-FORMED LAYER	MATERIAL	THICKNESS
REFLECTION LAYER	AI ALLOY	160nm
UPPER BASE PROTECTION LAYER	ZnS•SiO ₂	30nm
RECORDING LAYER	Ag-In-Sb-Te	20nm
LOWER BASE PROTECTION LAYER	ZnS·SiO ₂	180nm
SUBSTRATE	POLYCARBONATE	0.6mm

TYPES OF SUBSTRATE HOLDER	WARPING RATE OF SUBSTRATE (μm)		
SUBSTRATE HOLDER SHOWN IN FIG.18	100		
SUBSTRATE HOLDER SHOWN IN FIG.19	>400		
SUBSTRATE HOLDER SHOWN IN FIG.20	100		

NO.	WIDTH WIN FROM AN INNER MASK TO A SUBSTRATE HOLDER EDGE (mm)	WIDTH Wout FROM AN INNER MASK TO A SUBSTRATE HOLDER EDGE (mm)	WARPING AMOUNT OF THE SUBSTRATE (µm)	A NUMBER OF UNSUCCESSFULLY LOADED SUBSTRATES AMONG 100 SHEETS CONTINUOUSLY FORMED
1	4	1	100	0
2	4	0	100	20
3	4	0.5	100	0
4	4	3	100	0
5	4	5	100	0
$\frac{3}{6}$	1	6	150	0
	4	7	200	0
7	 	 	100	20
8	 	1	100	0
9	2	1	100	0
10	5	1	100	0
11	7	 	100	0
12	10	<u> </u>		1 0
13	11	11	120	0
14	12	11	150	<u> </u>

NO.	TAPER ANGLE θ IN SUBSTRATE HOLDER EDGE (deg.)	WARPING AMOUNT OF THE SUBSTRATE (µm)	PRESENCE OF A DAMAGE ON A SUBSTRATE CAUSED BY SUBSTRATE HOLDER EDGE SECTION
15	0	100	YES
16	0.5	100	YES
17	1.0	100	NO
18	1.5	100	NO
19	2.0	100	NO
20	2.5	150	NO
21	3.0	200	NO

FIG.25



NO.	WIDTH H OF SILICON RUBBER IN SUBSTRATE HOLDER EDGE (mm)	WARPING RATE OF A SUBSTRATE (µm)	PRESENCE OF A DAMAGE ON A SUBSTRATE CAUSED BY SUBSTRATE HOLDER EDGE SECTION
22	0	100	YES
23	0.1	100	NO
24	0.3	100	NO
25	0.5	100	NO
26	0.6	120	NO
27	0.7	150	NO

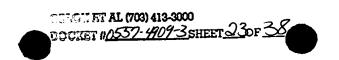


FIG.27

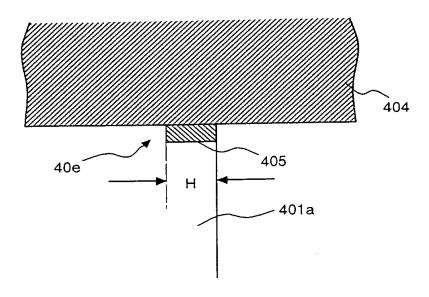
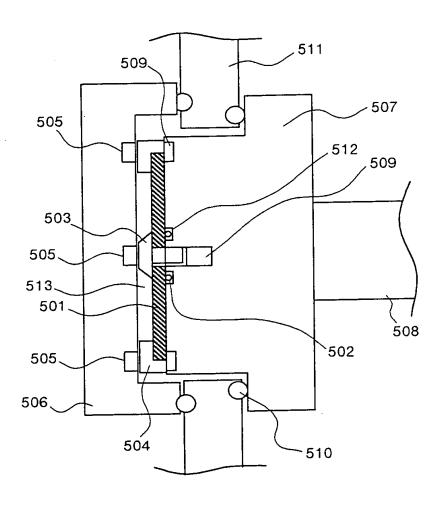
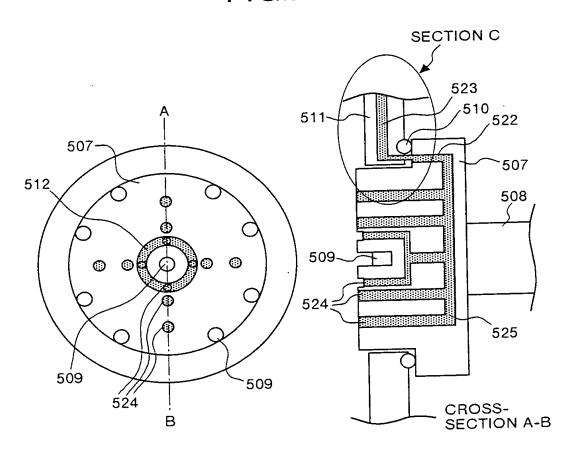


FIG.28



Hall the hall and the state of the state of

FIG.29



And the state of t

FIG.30

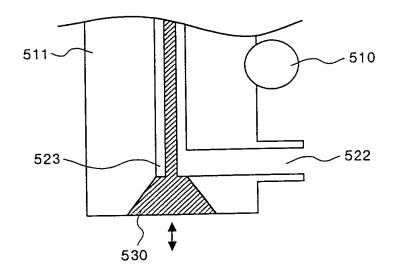


FIG.31

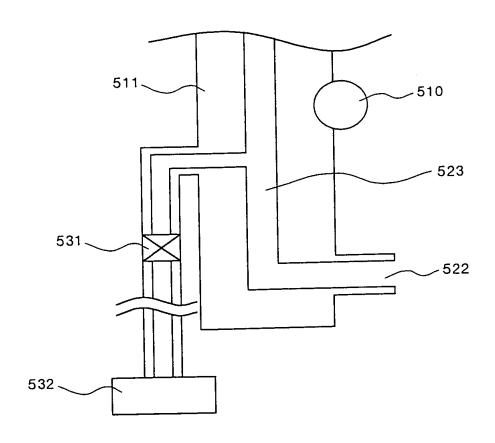


FIG.32

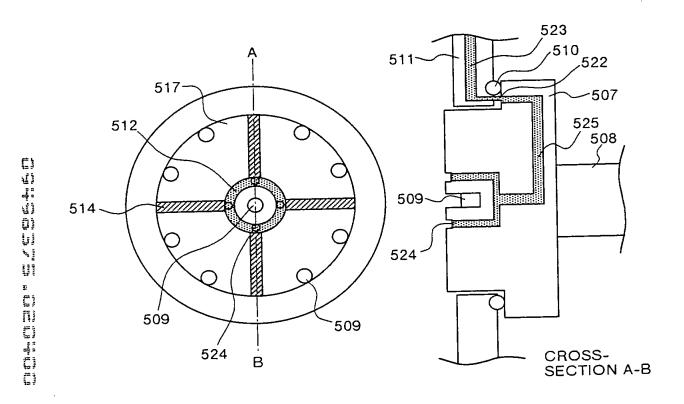


FIG.33

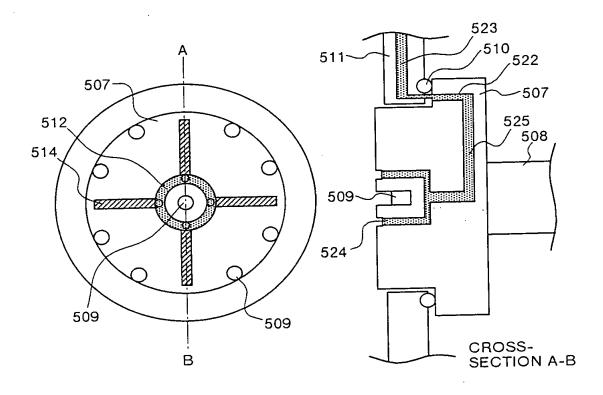
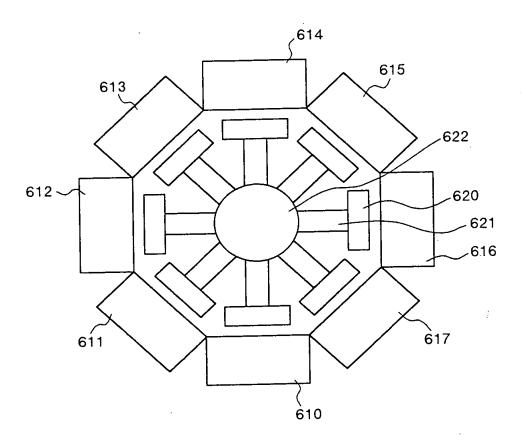
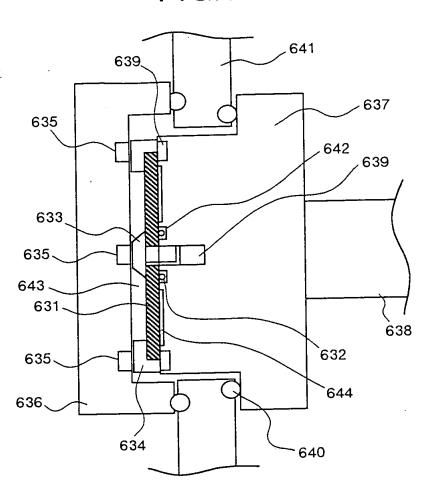


FIG.34



The first offer with the state of the state

FIG.35



Hall brill day from the from the transfer of t

FIG.36

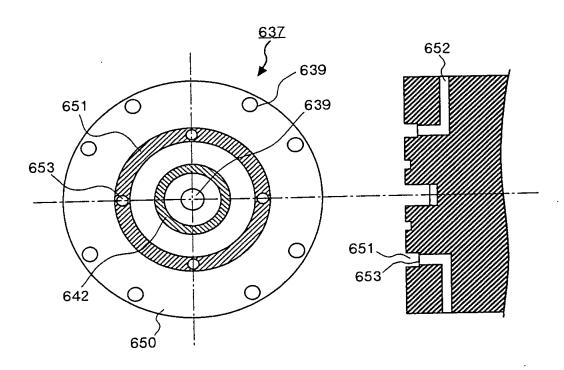


FIG.37

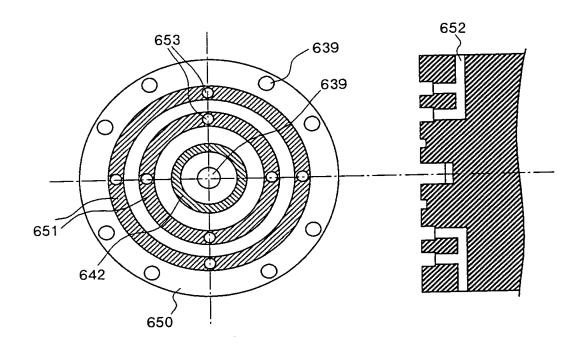


FIG.38

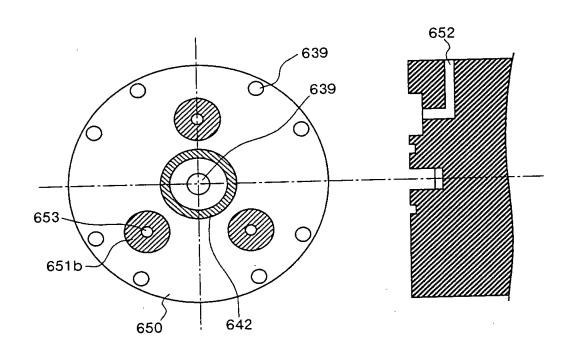
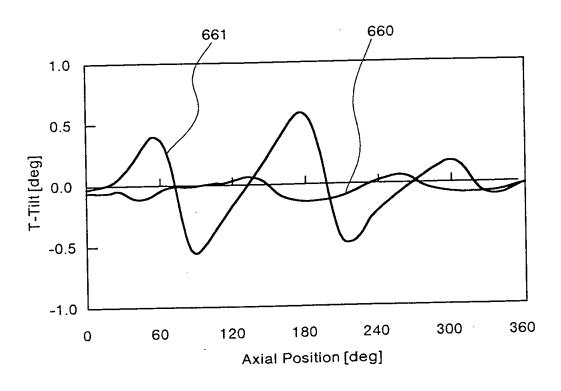


FIG.39





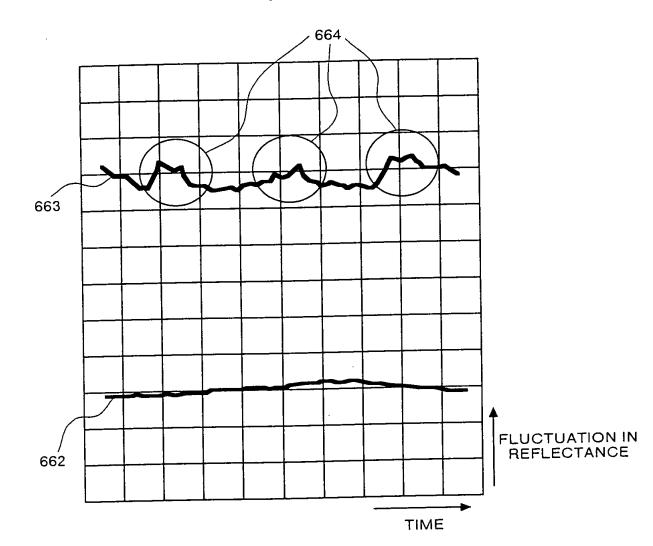
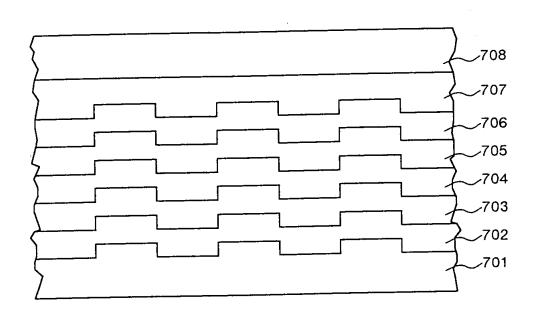


FIG.41



THE PERSON AND ADDRESS OF THE ACT AND THE PERSON WITH THE PERSON OF THE

FIG.42

